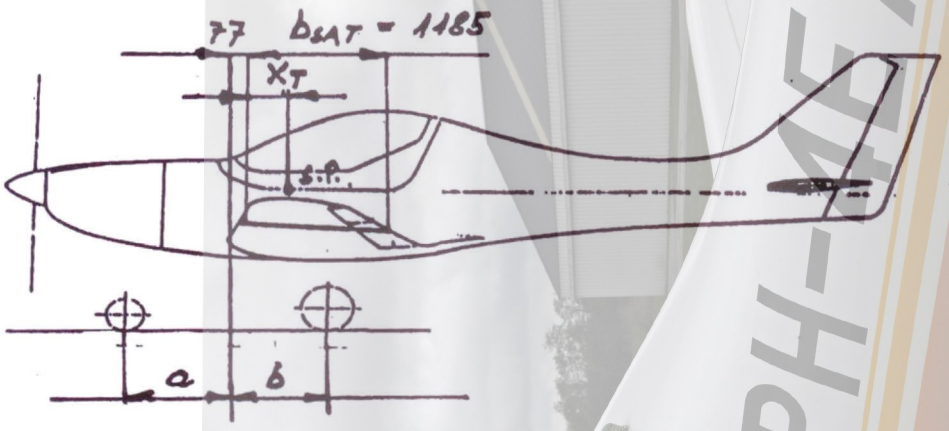
Vliegclub Fryslân AEROSPOOL SPOL. S R.O.

Weight and Balance Record of the aeroplane WT-9 DYNAMIC

Type:	Type landing-gear:	Registration:	S/N:	Date of production:
WT - 9 DYNAMIC	FIXED	PH – 4E7	DY - 318/2009	26.08.2009



Type of Scale	3 x 500 NDS	Calibration valid till	01.06.2010
Weighing Point	**Scale Reading(kg)**	**Distant from DP (mm)**	**Moment (kg mm)**
Nose wheel	92,7	a = - 722	- 66929,4
Right main wheel	98,3	b = 678	66647,4
Left main wheel	96,9	b = 678	65698,2
Total Weight	287,9	Total Moment =	65416,2
Fuel		240	

Weight = 287,9 kg **Moment = 65416,2 kg/mm**

Oil and coolant including

C.G. position from DP = Moment / Weight - 77

$$X_T \text{ (mm)} \quad \frac{65416,2}{287,9} - 77 = 150 \text{ mm} \qquad X_{CT} \text{ \% MAC} \quad \frac{150}{1185} \times 100 = 12,7 \text{ \%}$$

Permitted C.G. range of empty aeroplane X_{CT} is from 10 to 14 % MAC.
Calculated position of C.G. is within an permitted range.

Place, Date:

Prievidza 26.08.2009

Peter URBAN
AIRCRAFT MAINTENANCE
TECHNICIAN LICENCE
Nr. 16050214

Peter URBAN

.....
Supervisor / Signature